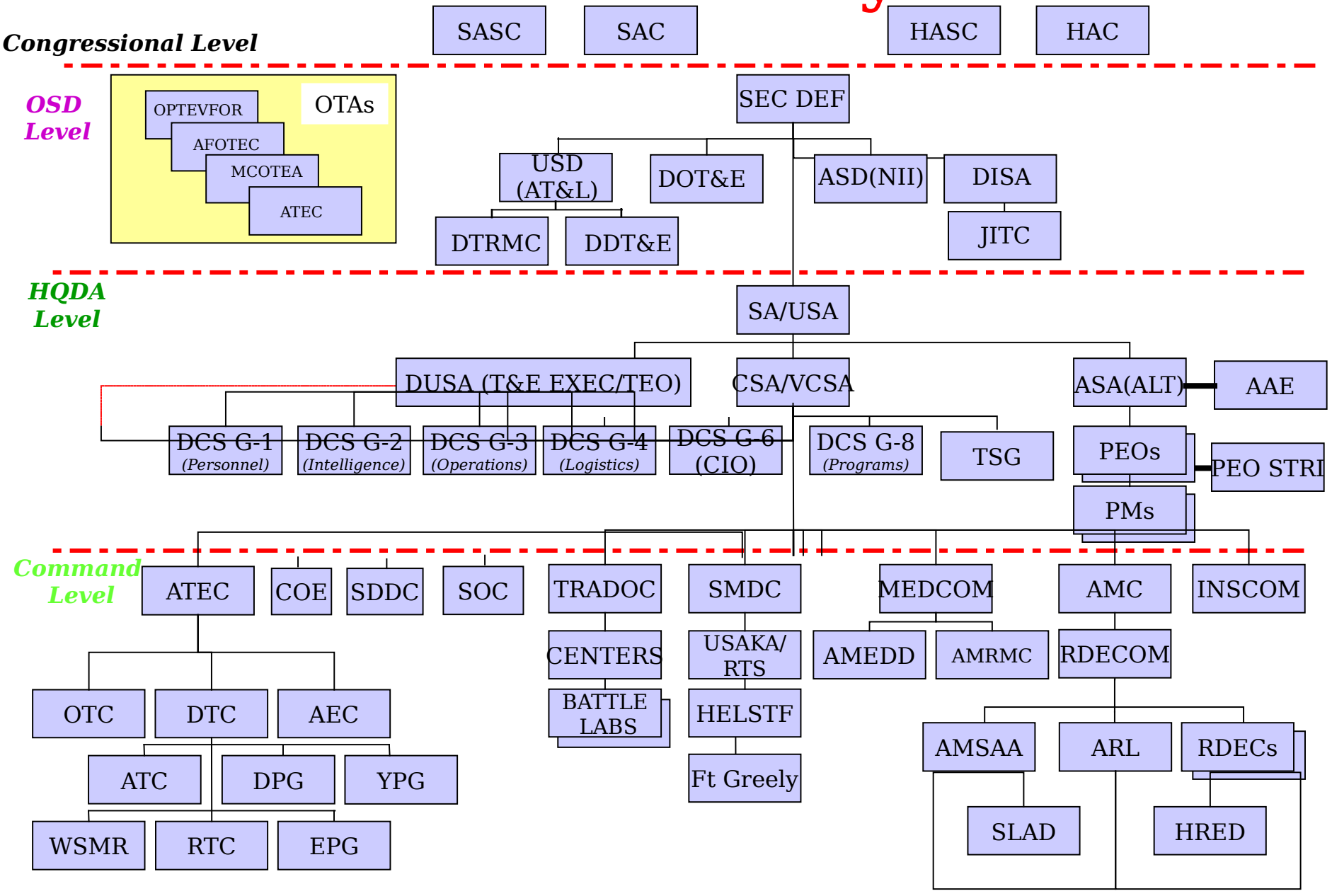
T&E Organizations

May 2010

TEMAC T&E Refresher Course

Key Players in the T&E Community



Congressional Subcommittees

Senate

- **Senate Armed Services Committee (SASC)**
- **Senate Committee on Appropriations (SAC)**

House of Representatives

- **House Armed Services Committee (HASC)**
- **House Committee on Appropriations (HAC)**

Secretary of Defense (SECDEF)

- **Responsible for DoD Acquisition**
- **Reports to Congress**
- **Located in the Pentagon**

Director, Operational Test & Evaluation

- **Reports directly to SECDEF and Congress**
- **Prescribes OT&E policies and procedures**
- **Responsible for oversight of live fire testing**
- **Approves Test and Evaluation Master Plans (TEMPs) for Oversight Programs**
- **Approves OT&E plans and funding adequacy for Oversight Programs**
- **Observes preparation and conduct of OT**
- **Approves number of LRIP items for OT for Oversight Programs**
- **Prepares annual OT&E Report to Congress**
- **Headquartered in the Pentagon**

Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L))

- **Serves as the Defense Acquisition Executive with responsibility for supervising the performance of the Defense Acquisition System and enforcing the policies and practices in DoD Directive 5000.1**
- **Chairs the Defense Acquisition Board (DAB)**
- **Serves as the DoD Procurement Executive**
- **Establishes and publishes policies and procedures governing the operations of the DoD Acquisition System and the administrative oversight of defense contractors**
- **Establishes policies for, and oversees developmental testing and evaluation and coordinates with DOT&E on the TEMP for ACAT I programs**
- **Co-oversees the Joint T&E program with DOT&E and manages the Foreign Comparative Test Program**
- **Coordinates research, development, and production programs DoD-wide to eliminate duplication of effort and ensure that available resources are used to maximum advantage**
- **Located in the Pentagon**

Director, Developmental Test & Evaluation

- **Reports directly to the Director, Defense Research and Engineering**
- **Principal advisor to the Secretary of Defense (SECDEF) and the USD(AT&L) on DT&E**
- **Develops DT&E policies and procedures**
- **Approves Test & Evaluation Master Plans (TEMPs) ***
- **Conducts an independent Assessment of Operational Test Readiness (AOTR) for all MDAPs and Special Interest Programs in concert with the determination of readiness for Initial Operational Test and Evaluation (IOT&E).**
- **In coordination with Director, Systems Engineering, jointly submits to Congress an annual report that includes an assessment of the Military Departments / Defense Agencies DT&E and an assessment of MDAPs with activity in the fiscal year.**
- **Provides advocacy, oversight, and guidance to the acquisition workforce responsible for test and evaluation.**

*** For systems on the OSD T&E Oversight list**

Assistant Secretary of Defense for Networks and Information Integration (ASD(NII))

- **Serves as, or appoints, the DoD Chief Information Officer**
- **Provides acquisition oversight for Major Automated Information Systems**
- **Ensures compliance with applicable Clinger-Cohen Act, which concerns procurement of IT systems**
- **Oversees applications for frequency allocation**
- **Manages C3I Support Plan and C3I supportability certifications**
- **Defense proponent for interoperability**
- **Headquartered in the Pentagon**

Defense Information Systems Agency

- **Certifies that systems and equipment meet applicable requirements for interoperability, capability and integration**
- **Develops and conducts system interoperability testing and certification programs in collaboration with other DoD components**
- **Oversees Joint Engineering Interoperability Organization (JEIO) and Joint Interoperability Test Command (JITC)**
- **Headquartered in Falls Church, VA**

Joint Interoperability Test Command

- **Identifies and solves C4I interoperability deficiencies**
- **Performs C4I joint and combined interoperability testing, evaluation, and certification**
- **Provides support and technical assistance to the CCs, services, and agencies**
- **Independent OT&E of DISA-managed information systems**
- **Headquartered at Fort Huachuca, AZ**

Army T&E Executive Roles / Missions

- **Approve test-related documentation for the Secretary of the Army**
- **Formulate overarching Army T&E strategies, policies and program direction**
- **Serve as DoD T&E Executive Agent for Chemical and Biological Defense Program**
- **Serve as Principal DA T&E interface with the Office of the Secretary of Defense oversight organizations**
- **Provide independent appraisal of testing, analysis, requirements, and studies to Army & CBDP decision-makers**
- **Oversee all Army T&E missions and functions, to include formulating overarching Army T&E strategy, policy, & program direction, providing policy oversight, and managing resources**
- **Serve as Principal T&E Advisor to the Army Requirements Oversight Committee (AROC) and Army Systems Acquisition Review Council (ASARC)**
- **Advise Senior Advisory Groups (SAG) for Analysis of Alternatives (AoA) efforts centered on informing materiel**

General Orders # 2008-06
Establishment of the U.S. Army Test and Evaluation Office
(Effective 1 March 2008)

Army Test and Evaluation Executive

- **Formulates overarching Army T&E strategies, policies & program direction**
- **Provides oversight for all Army T&E programs**
  - **Manages OT&E for systems of interest to the Secretary of the Army**
  - **Approves test-related documentation for the Secretary of the Army**
  - **Approves TEMPs for the Army Acquisition Executive**
- **Serves as Principal DA T&E interface with the Office of the Secretary of Defense oversight organizations**
- **Provides oversight & policy for management & operation of HQDA MRTFB**
- **Serves as Principal T&E Advisor to the Army Requirements Oversight Committee (AROC) and Army Systems Acquisition Review Council (ASARC)**
- **Serves as the Acquisition Workforce T&E Functional Chief for the acquisition workforce Career Field T**

Test and Evaluation Office

- **Develops and Monitors Army T&E policy and procedures**
- **Manages HQDA TEMP approval process**
- **Administers the Army portion of the Central Test and Evaluation Investment Program**
- **Coordinates and oversees T&E funding for RDT&E, OMA, APA accounts, and operational test support**
- **Serves on the T&E Board of Directors Executive Secretariat (BoD{ES})**
- **Shares Executive Secretariat Staff (BoD{ESS}) Responsibilities with ATEC**
- **Located in the Pentagon**

Chief of Staff of the Army/ Vice Chief of Staff of the Army (CSA/VCSA)

- **Serves as the co-chair of the Army Systems Acquisition Review Council (ASARC)**
- **Serves as the Army's representative on the JROC**
- **Serves as the Army representative to the T&E Board of Directors**
- **Assists in integrating military requirements into overall planning and programming process**
- **Located in the Pentagon**

Assistant Secretary of the Army for Acquisition, Logistics, and Technology (ASA(ALT))

- **Principal advisor to the Secretary of the Army for Army acquisition**
- **Serves as the Army Acquisition Executive**
- **Appoints, manages, and evaluates PEOs and direct reporting PMs**
- **Formulates Army-wide science and technology base strategy, policy, guidance, and planning**
- **Executes RDT&E and Army Procurement appropriation funds for T&E**
- **Appoints the Director, Acquisition Career Management (DACM)**
- **Oversees the acquisition logistics management function.**
- **Performs ILS and readiness assessments**
- **Evaluates materiel acquisition programs for ILS**
- **Located in the Pentagon**

Army Acquisition Executive (AAE)

- **Administers Army acquisition programs as provided in**
  - **DoD Directive 5000.1**
  - **AR 70-1**
- **Approval authority for all new Army program initiation**
- **For Acquisition Category programs**
  - **ID & IAM: Approves Army position prior to Defense Acquisition Board**
  - **IC, IAC & II: Serves as the Milestone Decision Authority (MDA) or**

    delegates (ACAT II programs only)
  - **III: Assigns the MDA**
- **Located in the Pentagon**

Program Executive Officers (PEOs)

- **Report to the AAE**
- **Administer acquisition programs, as approved by the AAE**
- **Charter, supervise and evaluate assigned Program, Project, and Product Managers**
- **Provide overall management of T&E activities of assigned systems**
- **Located at various sites around the country**
- **Current PEOs are:**
  - **Air, Space, & Missile Defense**
  - **Ammunition**
  - **Aviation**
  - **Command, Control, and Communication (Tactical)**
  - **Combat Support and Combat Service Support**
  - **Enterprise Information Systems**
  - **Ground Combat Systems**
  - **Intelligence, Electronic Warfare, and Sensors**
  - **Joint Chemical Biological Defense**
  - **Soldier**
  - **Simulation, Training, and Instrumentation**
  - **Tactical Missiles**

Program/Project/Product Manage (PMs)

- **Manages a specific acquisition program**
- **Establishes and chairs the T&E Working-level IPT (WIPT)**
- **Prepares, coordinates, distributes and maintains the TEMP**
- **Testing responsibilities include:**
  - **Develop and provide Safety Assessment Report to the tester**
  - **Support Test Readiness Reviews on assigned systems**
  - **Prepare Developmental Test Readiness Statement verifying that the materiel system is ready for DT/Software Qualification Test**
  - **Provide Operational Test Readiness Statement certifying the materiel system readiness for OT**
  - **Provide system support and new equipment training support packages**
  - **Determine if system satisfies the requirements for LFT&E**
- **Program/Project/Product Manager:**
  - **A HQDA command select list (CSL) manager for a system or program**
  - **May be subordinate to the AAE or a PEO**
  - **Refers to the management level of intensity the Army assigns to a particular weapon system or information system.**

    As a general rule, a Program Manager is a General Officer or SES; a Project Manager is a Colonel or GS–15 (or equivalent); a Product Manager is a Lieutenant Colonel or GS–14 (or equivalent).
- **Located at numerous sites around the country**

PEO Simulation, Training, and Instrumentation (STRI)

PM, Instrumentation, Targets, and Threat Simulators (PM ITTS)

- **Serves as the Army's single manager and as a proponent for major instrumentation, targets, and threat simulators (ITTS) in support of testing**
- **Monitors threat representative targets and threat simulators/simulations to ensure they are programmed for validation**
- **Coordinates and consolidates customer technical and functional requirements in the requirements document for ITTS**
- **Manages foreign materiel required to support developmental or operational T&E**
- **Coordinates, consolidates, and recommends development priorities for ITTS requirements established by Army and DoD users and documents in a long-range plan**
- **Headquartered in Orlando, FL**

Deputy Chief of Staff, G-1 (Personnel)

- **Responsible for the MANPRINT aspects of system requirements**
- **Ensures Human System Integration concerns are addressed in T&E**
- **Participates in the Test Schedule and Review Committee (TSARC)**
- **Located in the Pentagon**

Deputy Chief of Staff, G-2 (Intelligence)

- **Provides guidance for threat representation in tests**
- **Establishes Army threat support policy/guidance**
- **Approves threat documentation designed for ASARC or DAB decisions**
- **Approves System Threat Assessment Reports (STARs) for:**
  - **ACAT I and II programs**
  - **OSD T&E Oversight programs**
- **Participates in COIC reviews**
- **Member of TSARC**
- **Voting member of the Army Threat Validation Working Group**
- **Located in the Pentagon**

Deputy Chief of Staff, G-3
(Operations)

- **Reviews, coordinates, and approves requirements**
- **Establishes and charters study advisory groups to guide, review, and direct Analysis of Alternatives**
- **Participates in COIC reviews**
- **Member of the TSARC**
- **Approves the Five Year Test Program (FYTP)**
- **Voting member of the Army Threat Validation Work Group**
- **Located in the Pentagon**

Deputy Chief of Staff, G-4 (Logistics)

- **Primary Army General Staff responsibility for ILS**
  - **Includes input to program management documents**
  - **Participates in COIC Process**
- **Assists Army T&E Executive and TEMA in developing T&E Policy**
- **Serves as the Army's independent logistician**
- **Member of the TSARC**
- **Located in the Pentagon**

Deputy Chief of Staff, G-6 Chief Information Officer (CIO)

- **Advisor to the ASA(ALT)/AAE on all Information Technology matters**
- **Establish and implement the Army integrated architecture**
- **Manages Automated Information System (AIS) activities in support of the AAE**
- **Approves Critical Operational Issues and Criteria (COIC) for non-tactical C4/IT systems**
- **Located in the Pentagon**

Deputy Chief of Staff, G-8
(Programs)

- **Works with Army T&E Executive and TEO on Army T&E policy**
- **Reviews, coordinates, and approves COICs for materiel and tactical C4I/IT systems**
- **Plans, programs, and budgets T&E funds in RDT&E, OMA, and APA**
- **Member of the TSARC**
- **HQDA point of contact for Joint Test and Evaluation**
- **Located in the Pentagon**

The Surgeon General (TSG)

- **Serve as DA staff responsibility for health hazard assessment (HHA) program**
- **Establishes policies concerning the oversight and execution of policies addressing the use of humans as volunteers**
- **Establish and maintain the Human Subject Research Review Board**
- **Direct the Army Information Management and medical information systems acquisition for the AMEDD**
- **Member of the TSARC**
- **Located in Falls Church, VA**

Army Test and Evaluation Command (ATEC)

- **The Army's primary T&E agency**
- **Reports directly to the CSA through the VCSA**
- **Assists Army T&E Executive and TEO in developing T&E Policy**
- **Shares T&E BoD{ESS} Responsibilities with TEO**
- **Serves as Army Representative to the OTICC**
- **Conducts independent, integrated system evaluations**
- **Conducts objective Developmental Tests**
- **Conducts independent Operational Tests**
- **Ensures DoD, HQDA, Materiel Developer, Combat Developer, and the Logistician are informed of system operational effectiveness, suitability, and survivability**
- **Commander, ATEC conducts and chairs the TSARC and is a member of the ASARC and IPRs**
- **Conducts and chairs OTRRs**
- **Headquartered in Alexandria, VA**

ATEC Operational Test Command (OTC)

- **Manages operational test and experimentation programs**
- **Conducts and reports operational testing to support continuous evaluation**
- **Program and budget the funds to support OTs**
- **Supports AWEs, JCTDs, and FDT/Es**
- **Works with ATEC to develops instrumentation and simulations/stimulators**
- **Conducts customer tests and supports Concept Experimentation Programs (CEPs)**
- **Headquartered at Ft. Hood, TX**

ATEC Developmental Test Command (DTC)

- Plan, conduct, witness, and report tests (including developmental, live fire) across the full spectrum of environments.
- Assure successful OT by early integration of DT, OT, & evaluation a
- Verify the safety of Army systems by providing system safety mana including issuing safety releases and safety confirmations for Army
- Works with ATEC to develop & procure new test technology, instru
- Assure that the DT range infrastructure is responsive to the needs
- Manage and operate the following ranges:
  - Aberdeen Test Center, MD
  - Aviation Technical Test Center, Al
  - Dugway Proving Ground, UT
  - Redstone Technical Test Center, A
  - White Sands Missile Range, NM
  - Electronic Proving Ground, AZ
  - Yuma Proving Ground, AZ (including Cold Regions Test Center, AK, and Tropic
- Participate in acquisition forums through membership in IPTs, T& OTRRs, ILS Management IPTs, ATEC System Teams (ASTs), and spe forces.
- Serves as Army Lead for Test Resource Advisory Group (TRAG)
- On order, provide support, expertise and test resources to operatio
- Headquartered at APG, MD

ATEC Army Evaluation Center (AEC)

- **Develops integrated system evaluation strategies**
- **Reflects integrated system evaluation strategies in SEPs and TEMPs**
- **Reviews and coordinates requirements and COIC**
- **Conducts continuous evaluation for all Army programs throughout the acquisition process**
- **Participates in program reviews, T&E WIPTS, Supportability WIPTs, and the development of RFPs, SOWs, and CDRLs**
- **Chairs the Army LFT&E program**
- **Develops system assessments throughout a program's acquisition**
- **Develops reports in support of acquisition milestones decisions and the FRP decision review**
- **Headquartered in Alexandria, VA**

Chief of Engineers (COE)

- **Support the materiel developer in development of materiel for operation in extreme climatic conditions**
- **Execute T&E of those commercial and/or non-developmental items (NDI) procured for use in engineer maintenance and supply activities**
- **Review digital terrain data for accurate representation in demonstrations and tests**
- **Act as the materiel developer for U.S. Army Corps of Engineers acquisition programs**
- **Establish and maintain a Human Use Committee , as needed**
- **Member of the TSARC**
- **Located in Washington, DC**

Surface Deployment & Distribution Command (SDDC)

- **Execute the Army Transportability Agent mission**
- **Review and analyze the transportability and engineering aspects of test related documents**
- **Ensure that appropriate transportability testing is planned, conducted, and reported by the MATDEV**
- **Provide a transportability assessment to the MATDEV and to ATEC**
- **Provide transportability functional expertise in the planning and conduct of T&E, including M&S support**
- **Participate in the TSARC, as required.**

US Army Special Operations Command (SOC)

- **Conduct operational testing for assigned SO Peculiar systems**
- **Serve as the combat developer, doctrine developer, training developer, trainer, and operational tester for assigned SO Peculiar systems.**
- **Provide a member to the TSARC**
- **Located at Fort Bragg, NC**

Training and Doctrine Command (TRADOC)

- **Principal combat developer, training developer, and trainer for materiel systems**
- **Principal user representative**
- **Guide the Army's requirements and COIC processes**
- **Executive Agent for T&E Threats**
- **Developer for system threat assessment**
- **Member of TSARC**
- **Program, budget, and execute the FDT/E Program**
- **Manager of the CEP**
- **Executive Agent for Army Transformation, Concept Development, and Experimentation Plan**
- **Proponent for Battle Damage Assessment and Repair**
- **Develop the requirements for instrumentation to support Army training ranges**
- **Headquartered at Ft. Monroe, VA**

TRADOC Proponent Centers

- **Develop and coordinate system operational requirements**
- **Define force development evaluation strategy to support product development/verification**
  - **Includes requirements for Concept Experimentation Program (CEP) and FDT/E**
- **Develop COIC for all assigned proponent materiel and IMA systems in acquisition**
- **Prepare doctrine and organization, threat and training test support packages**
- **Member of T&E WIPTs, RAM Scoring Conference, Data Authentication Group, OTRR, and TSARC**
- **Chair Integrated Concept Team (ICT)**
- **Located at various sites around the country**

TRADOC Battle Labs

- **Provide the venue for concept development and demonstration focused in a lab environment and based on the battlefield operation systems**
- **Conduct advanced war fighting demonstrations in support of requirements definition**
- **Make engineering development and testing available early (well into concept development and definition)**
- **Promote developmental teaming and leverage technology**
- **Subordinate to TRADOC Centers around the country**

Space and Missile Defense Command (SMDC)

- **Serves as ASCC to USTRATCOM; still retaining combat and materiel development missions**
- **Materiel Developer for assigned systems**
- **Participates in TSARC process as required**
- **Ensures compliance of strategic missile defense testing with treaties**
- **Provides facilities and expertise to support DT of missile defense**
- **Combat developer as proponent for Space and National Missile Defense**
- **Army integrator for Theater Missile Defense**
- **Operates MRTFBs**
  - **Ronald Reagan Ballistics Missile Defense Test Site and U.S. Army Kwajalein Atoll (USAKA) in the Republic of the Marshall Islands**
  - **High Energy Laser System Test Facility (HELSTF) on White Sands Missile Range, NM**
- **Serves as Mission Commander for Ft. Greely Test Bed and Operates the Ballistic Missile Defense Testbed Facility, Ft. Greely, Alaska**

Medical Command (MEDCOM)

- **Exercise command and control of the medical combat developer, materiel developer, operational tester, trainer, logistician**
- **Provide Army Medical Department (AMEDD) consultants, subject matter experts, and test players to test organizations**
- **Review and endorse, as required, safety releases prior to start of pretest training for operational test that uses AMEDD soldiers as test players**
- **Subordinate Commands**
  - **Army Medical Department Center and School (AMEDDC&S) serves as Combat, Doctrine, and Training Developer and operational tester for the AMEDD**
  - **Army Medical Research and Materiel Command (AMRMC) performs duties as materiel developer and developmental tester for medical systems as required**
- **Participates in the TSARC process as required**
- **Headquartered at Ft. Sam Houston, TX**

Army Materiel Command (AMC)

- **Army Science and Technology laboratories report to AMC**
- **Exercises responsibility for materiel development of assigned systems**
- **Member of the TSARC**
- **Located at Ft Belvoir, VA**

Research, Development, & Engineering Command (RDECOM)

- **Conduct the activities of the Army's science and technology base**
- **Manage the Army Research Laboratory**
- **Manage the Army Materiel Systems Analysis Activity**
- **Headquartered at Edgewood, MD**

Army Research Laboratory (ARL)

- **Human Research Engineering Directorate (HRED) conducts MANPRINT analyses**
  - **Research coordination office at HQ ATEC**
  - **Test support cell at HQ OTC**
- **Survivability, Lethality, Analysis Directorate (SLAD) determines survivability, lethality, and vulnerability**
  - **Principal activity in the Army for survivability analyses**
  - **Ensures appropriate support to survivability and live fire T&E**
  - **Leads crew causality and system damage assessments**
- **SLAD conducts LFT&E of aviation systems**
- **HRED and SLAD provide support to ATEC tests and evaluations**
- **Headquartered in APG, MD**

Army Materiel Systems Analysis Activity (AMSAA)

- **Supports the Army decision making process by providing materiel, logistics, and industrial systems analyses, as well as business process, manpower and resource analyses**
- **Located at Aberdeen Proving Ground, MD**

Intelligence and Security Command (INSCOM)

- **Serves as the combat developer for U.S. Army Echelons Above Corps (EAC) C4ISR systems**
- **Conducts DT&E, OT&E and Operational Assessments for assigned classified or secure systems**
- **Represents DCS, G-2 on Study Advisory Groups, Special Task Forces, and Special Study Groups**
- **Member of the TSARC**
- **Headquartered at Ft. Belvoir, VA**

Acknowledgement & Feedback

This module is a part of the T&E Managers Committee (TEMAC) T&E Refresher Course.

Request your feedback. Please contact -

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